

**DECLARATION
AND POWER OF ATTORNEY**
(Patent, Design, or C+P As Applicable)

TESSERA 3.3-016

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SEMICONDUCTOR CHIP ASSEMBLIES, METHODS OF MAKING SAME AND COMPONENTS FOR SAME

the specification of which

is attached hereto
 was filed on _____ as Application Serial No. _____ and was amended on _____
 was described and claimed in International Application No. PCT/US91/06920 filed 9/24/91 and as amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below. I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
US	07/586,758	9/24/90	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
US	07/673,020	3/21/91	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

LISTING OF FOREIGN APPLICATIONS CONTINUED ON PAGE 2 HEREOF: YES NO

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

POWER OF ATTORNEY As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Lawrence I. Lerner, Reg. No. 19,516; Sidney David, Reg. No. 22,768; Joseph S. Littenberg, Reg. No. 20,832; Arnold B. Krumholz, Reg. No. 25,428; William L. Menthlik, Reg. No. 27,108; John R. Nelson, Reg. No. 26,573; Roy H. Werner, Reg. No. 28,350; Stephen B. Goldman, Reg. No. 28,512; Paul B. Kochanski, Reg. No. 29,660; Marcus J. Millet, Reg. No. 28,241; Bruce H. Sales, Reg. No. 32,793; Daniel H. Bobis, Reg. No. 16,694; Peter J. Butch III, Reg. No. 32,203; Keith E. Gilman, Reg. No. 32,137; Robert B. Cohen, Reg. No. 32,768; Arnold B. Dompieri, Reg. No. 29,736; and Michael H. Teachner, Reg. No. 32,862

SEND CORRESPONDENCE TO: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK 600 South Avenue West Westfield, New Jersey 07090	DIRECT TELEPHONE CALLS TO: (name and telephone number) Joseph S. Littenberg (908) 654-5000
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201	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
		KHANDROS	Igor	Y.
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	Peekskill	New York		
POST OFFICE ADDRESS		CITY	STATE OR COUNTRY	ZIP CODE
	503 Furnace Dock Road	Peekskill	New York	10566

202	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
		DISTEFANO	Thomas	H.
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	Bronxville	New York	U.S.A.	
POST OFFICE ADDRESS		CITY	STATE OR COUNTRY	ZIP CODE
	29 Birch Brook Road	Bronxville	New York	10708

203	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS		CITY	STATE OR COUNTRY	ZIP CODE

LISTING OF INVENTORS CONTINUED ON PAGE 2 HEREOF: YES NO

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201:

George J. Pepe

DATE

3/16/93

SIGNATURE OF INVENTOR 202:

J. Littenberg

DATE

3/16/93

SIGNATURE OF INVENTOR 203:

Arnold B. Krumholz

DATE

3/16/93

SEE PAGE 2 ATTACHED. SIGNED AND MADE A PART HEREOF: YES NO

*use of Page 2 of this Declaration is necessary, only Page 2 is signed.

DECLARATION FOR PATENT APPLICATION

ATTOYEE'S DOCKET NO.: TESSERA 3.3-018 CON

As a below-named inventor, I, IGOR Y. KHANDROS, declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SEMICONDUCTOR CHIP ASSEMBLIES, METHODS OF MAKING SAME AND COMPONENTS FOR SAME

the specification of which

 is attached hereto was filed on October 7, 1994 as United States Application Number 08/319,966.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIORITY FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
NONE			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

LISTING OF FOREIGN APPLICATIONS CONTINUED ON PAGE 2 HEREOF YES NO

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

NONE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial Number: 08/030,194	Filing Date: April 28, 1993	Status (patented, pending, abandoned): Pending
Application Serial Number: 07/765,928	Filing Date: September 24, 1991	Status (patented, pending, abandoned): Patented
Application Serial Number: 07/673,020	Filing Date: March 21, 1991	Status (patented, pending, abandoned): Patented
Application Serial Number: 07/586,758	Filing Date: September 24, 1990	Status (patented, pending, abandoned): Patented

LISTING OF US APPLICATIONS CONTINUED ON PAGE 2 HEREOF: NO

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Lawrence I. Lerner, Reg. No. 19,518; Sidney David, Reg. No. 22,788; Joseph S. Littenberg, Reg. No. 20,832; Arnold H. Krumholz, Reg. No. 25,428; William L. Mentic, Reg. No. 27,108; John R. Nelson, Reg. No. 26,573; Roy H. Werner, Reg. No. 28,350; Stephen B. Goldman, Reg. No. 28,512; Paul H. Kochanski, Reg. No. 29,680; Marcus J. Miller, Reg. No. 28,241; Bruce H. Sales, Reg. No. 32,702; Daniel H. Bobis, Reg. No. 16,604; Peter J. Butch III, Reg. No. 32,203; Keith E. Galman, Reg. No. 32,137; Robert B. Cohen, Reg. No. 32,788; Arnold B. Damptier, Reg. No. 29,730; Michael H. Teichner, Reg. No. 32,882; Jeffrey S. Dickey, Reg. No. 35,656; Gregory S. Gewartz, Reg. No. 36,522; Jonathan A. David, Reg. No. 36,424; Shannon P. Foley, Reg. No. 33,071; Lawrence G. Friedman, Reg. No. 31,815; Christopher M. Pickett, Reg. No. 37,531.

SEND CORRESPONDENCE TO:
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600 South Avenue West
Westfield, New Jersey 07090

DIRECT TELEPHONE CALLS TO:
(name and telephone number)

MARCUS J. MILLET
(908) 654-5000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): IGOR Y. KHANDROS

Inventor's signature _____ Date _____

Residence: ORINDA, CALIFORNIA Citizenship: U.S.A.
Post Office Address: 25 HACIENDAS ROAD, ORINDA, CALIFORNIA, 94563Full name of second joint inventor, if any (given name, family name) THOMAS H. DISTEFANOSecond Inventor's signature Thomas Distefano Date OCTOBER 9, 1996Residence: MONTE SERENO, CALIFORNIA Citizenship: U.S.A.
Post Office Address: 15363 ROBIN ANN LANE, MONTE SERENO, CA 95030 NO Additional inventors are being named on separately numbered sheets attached hereto.

DECLARATION FOR PATENT AND APPLICATION

ATTG Y'S DOCKET NO.: TESSERA 3.3-018 COP

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PRIOR FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
NONE			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

 LISTING OF FOREIGN APPLICATIONS CONTINUED ON PAGE 2 HEREOF YES NO I hereby claim the benefit under Title 35, United States Code, § 119(c) of any United States provisional application(s) listed below:

NONE

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LISTING OF US APPLICATIONS CONTINUED ON PAGE 2 HEREOF. NO

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Lawrence I. Lerner, Reg. No. 19,516; Sidney David, Reg. No. 22,768; Joseph S. Littenberg, Reg. No. 20,832; Arnold H. Krumholz, Reg. No. 25,428; William L. Mendl, Reg. No. 27,108; John R. Nelson, Reg. No. 26,573; Roy H. Wepner, Reg. No. 28,350; Stephen B. Goldman, Reg. No. 28,512; Paul H. Kochanski, Reg. No. 29,880; Marcus J. Millet, Reg. No. 28,241; Bruce H. Sales, Reg. No. 32,793; Daniel H. Bobis, Reg. No. 18,894; Peter J. Butch III, Reg. No. 32,203; Keith E. Gilman, Reg. No. 32,137; Robert B. Cohen, Reg. No. 32,768; Arnold B. Domper, Reg. No. 29,736; Michael H. Taschner, Reg. No. 32,802; Jeffrey S. Dickey, Reg. No. 35,858; Gregory S. Gewirtz, Reg. No. 36,522; Jonathan A. David, Reg. No. 38,494; Shawn P. Foley, Reg. No. 33,071; Lawrence G. Friedman, Reg. No. 31,815; Christopher M. Pickett, Reg. No. 37,531

SEND CORRESPONDENCE TO:

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KRUMHOLZ & MENTLIK
600 South Avenue West
Westfield, New Jersey 07090DIRECT TELEPHONE CALLS TO:
(name and telephone number)MARCUS J. MILLET
(908) 654-5000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 101 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): IGOR Y. KHANROSInventor's signature Igor Y. KhanrosDate 11/15/96

Residence: ORINDA, CALIFORNIA

Citizenship: U.S.A.

Post Office Address: 25 HACIENDAS ROAD, ORINDA, CALIFORNIA, 94563

Full name of second joint inventor, if any (given name, family name): THOMAS H. DISTEFANOSecond Inventor's signature Thomas H. Distefano

Date _____

Residence: MONTE SERENO, CALIFORNIA Citizenship: U.S.A.

Post Office Address: 15363 ROBIN ANN LANE, MONTE SERENO, CA 95030

 NO Additional inventors being named on separately numbered sheets attached hereto.